

# 9 BUILDING PROJECT FACTS

I'll tell you

## 1 WHAT ARE SOME ISSUES WITH CURRENT BUILDINGS?



### LACK OF NATURAL LIGHT

MANY OF THE CLASSROOMS AT WILDWOOD & FORT RIVER SCHOOL DO NOT HAVE WINDOWS

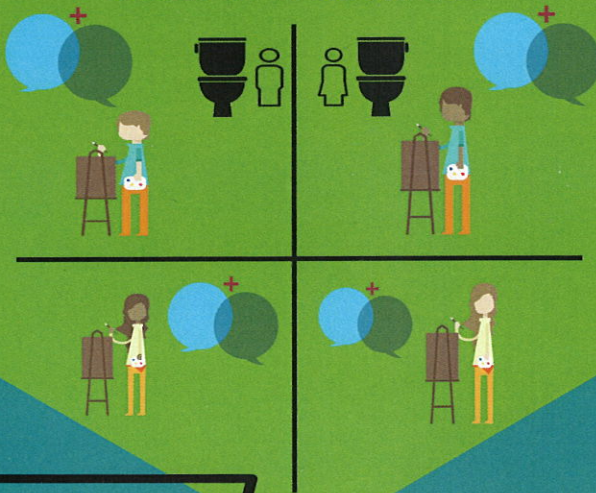


### OUTDATED HEATING/COOLING EQUIPMENT



### QUAD SET-UP

FOUR CLASSES SHARE ONE CLASSROOM DIVIDED BY TEMPORARY WALLS



I need more facts



### MOISTURE ISSUES IN CURRENT SCHOOLS

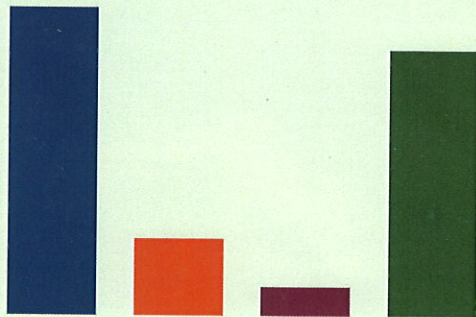
TEACHERS REPORT UNHEALTHY ENVIRONMENT AT WILDWOOD & FORT RIVER





## STATEWIDE TEACHER SURVEY DATA (2014)

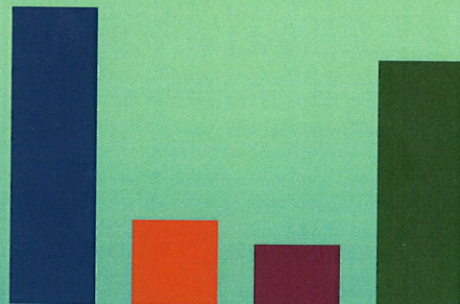
Well, here is  
some  
information we  
collected



CF Teachers 96% WW Teachers 24% FR Teachers 9%  
MA Elem Teachers 83%

In response to "The physical environment of classrooms in this school supports teaching and learning":

96% of Crocker Farm teachers agreed  
24% of Wildwood teachers agreed  
9% of Fort River teachers agreed (ranking 990th out of 992 Massachusetts schools that completed the survey)  
83% of Massachusetts elementary school teachers agreed



CF Teachers 87% WW Teachers 25%  
FR Teachers 18% MA Elem Teachers 72%

In response to "Teachers and staff work in a school that is environmentally healthy":

87% of Crocker Farm teachers agreed  
25% of Wildwood teachers agreed  
18% of Fort River teachers agreed  
72% of Massachusetts elementary school teachers agreed

Hm, so what  
does this  
project entail?



Lets take a look  
here





# THE TWIN SCHOOL DESIGN

## WHAT ARE "CO-LOCATED" SCHOOLS?

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Two schools that share a building; each with own principal, teacher teams, and identity; Milton and Acton MA, two high achieving districts, built co-located schools that have thrived

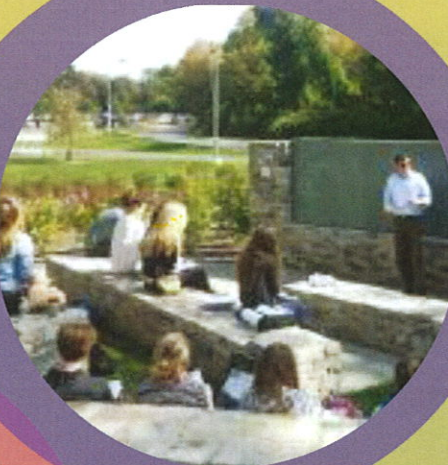
& where have they been found to be successful?

School A

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## HOW WILL THE PLAY AREAS WORK?

Each school will have its own playground with safe, rubber surfacing to reduce injuries. In addition, each will have a ball field and hard-top play area.



School B

Of course!

Ok. Are there any benefits?





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## WHAT ARE THE EDUCATIONAL BENEFITS OF THE NEW BUILDING?



NATURAL LIGHT IN ALL CLASSROOMS



ENERGY-EFFICIENT HVAC SYSTEM THAT REGULARLY CIRCULATES AIR FOR EXCELLENT INDOOR AIR QUALITY



REAL WALLS BETWEEN CLASSROOMS SO STUDENTS CAN LEARN



MAKERSPACE AND OUTDOOR CLASSROOM WILL PROMOTE HANDS ON SCIENCE LEARNING



That's great but what about equity

Well, here is what we know

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## HOW DOES THIS PLAN ADDRESS EQUITY CHALLENGES?

END BUSSING OF SPECIAL EDUCATION STUDENTS AWAY FROM SIBLINGS AND NEIGHBORS

END BUSSING OF LOW-INCOME STUDENTS AWAY FROM NEIGHBORS

ELL NEWCOMER PROGRAM TO BEST MEET THEIR NEEDS

INCREASE THE NUMBER OF PRESCHOOL SEATS FOR LOW-INCOME STUDENTS



But will it be  
energy  
efficient

6

Well, lets talk  
about the  
Green features

## WHAT ARE SOME OF THE "GREEN" FEATURES OF THE SCHOOL?

THE NEW BUILDING WILL BE LEED SILVER  
CERTIFIED, USING LESS WATER AND ENERGY



### RAINGARDEN



### OUTDOOR LEARNING SPACES



EFFICIENT HVAC  
SYSTEM WITH A ONE  
YEAR PAYBACK OF  
ENERGY/OPERATIONAL  
SAVINGS \$\$

### SOLAR ARRAYS



### RAINWATER CISTERN FOR GARDEN IRRIGATION



Here is what  
the gardens  
would like





# 7

## WHAT ABOUT CROCKER FARM?

Yeah, what about Crocker Farm?



Crocker Farm will become an early childhood learning center for the town, grades PreK-1



A team of early childhood educators from the district developed a vision with a focus on making the entire school developmentally appropriate for students between 3 and 7 years old



What are the implications, and do we know if this has worked in other districts?



Over 70 districts in Massachusetts have early childhood centers, such as Weston, South Hadley, Belchertown, and East Longmeadow. Windsor, CT, a high achieving, diverse district, made a change to this model five years ago and has found it very successful for all students.





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## WHAT ABOUT THE COSTS?

That's right,  
how will it be  
funded?



It took 7 years of applying to be accepted into state process which subsidizes cost of project.

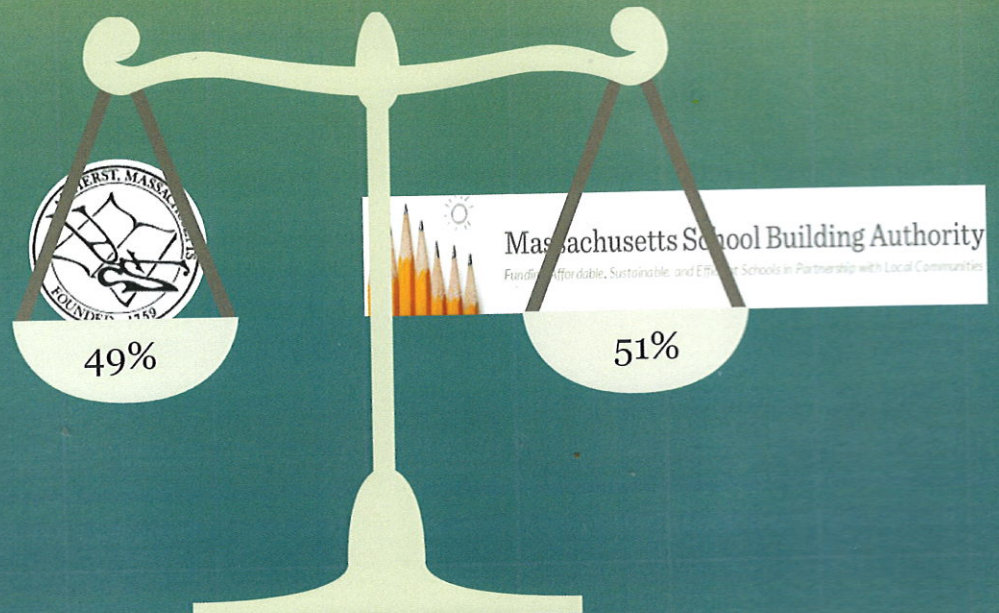
The state will cover over 51% of costs (over \$34 million).

The town share (\$32.7 million) will resolve issues at both Wildwood and Fort River as less than the cost of renovating or rebuilding one of the schools without MSBA funding that is tied to this project.

The reconfiguration will result in \$450,000 in annual operation savings.

And, research has found that passing school infrastructure projects increase home values.

Well Ok. This is  
all very  
exciting. What  
will it look like?





# 9



Here's a sneak  
peak of the  
New Schools!

